



## A/OA-10A and A/OA-10C Thunderbolt II

**Primary function:** Close air support and airborne forward air control. **Speed:** 420 mph. **Dimensions:** Wingspan 57 ft. 6 in.; length 53 ft. 4 in.; height 14 ft. 8 in. **Range:** 800 miles. **Armament:** 30 mm seven-barrel Gatling gun; up to 16,000 pounds of mixed ordnance, including 500 pound Mk-82 and 2,000 pound Mk-84 series low/high drag bombs, incendiary cluster bombs, combined effects munitions, AGM-65 Maverick missiles and laser-guided/electro-optically guided bombs; M-129 leaflet bombs, infrared countermeasure flares; electronic countermeasure chaff; jammer pods; 2.75-inch rockets; illumination flares and AIM-9 Sidewinder missiles. **Crew:** One.



## AC-130H/U Gunship

**Primary function:** Close air support, air interdiction and force protection. **Speed:** 300 mph. **Dimensions:** Wingspan 132 ft. 7 in.; length 97 ft. 9 in.; height 38 ft. 6 in. **Range:** 1,496 mph; unlimited with air refueling. **Armament:** AC-130H, 20 mm Vulcan cannons, 40 mm Bofors cannon and 105 mm Howitzer. AC-130U, 30 mm Bushmaster cannon replacing 25 mm Gatling gun, 40 mm Bofors cannon and 105 mm cannon. **Crew:** AC-130H, 14 and AC-130U, 13.



## B1-B Lancer

**Primary function:** Long-range, multi-role, heavy bomber. **Speed:** 900-plus mph. **Dimensions:** Wingspan 137 ft. extended forward, 79 ft. swept aft; length 146 ft.; height 34 ft. **Range:** Intercontinental, unrefueled. **Armament:** 24 GBU-31 GPS-aided JDAMs (Mk-84 general purpose bombs and BLU-109 penetrating bombs) or 15 GBU-38 GPS aided JDAMs, 24 Mk-84 2,000-pound general purpose bombs; 8 Mk-65 naval mines; 84 Mk-82 500-pound general purpose bombs; 84 Mk-62 500-pound naval mines; 30 CBU-87/89/97 cluster munitions; 30 CBU-103, 15 CBU-104/105 WCMD; 24 AGM-158 JASSMs or 12 AGM-154 JSOWs, or a combination. **Crew:** Four.



## B-2A Spirit

**Primary function:** Multi-role heavy bomber. **Speed:** High subsonic. **Dimensions:** Wingspan 172 ft.; length 69 ft.; height 17 ft. **Range:** Intercontinental, unrefueled. **Armament:** MK-62/82/84, CBU-87/89/97, GBU-28/31/38, AGM-154A, AGM-158A; nuclear weapons. **Crew:** Two.



## B-52H Stratofortress

**Primary function:** Heavy bomber. **Speed:** 650 mph. **Dimensions:** Wingspan 185 ft.; length 159 ft. 4 in.; height 40 ft. 8 in. **Range:** 8,800 miles unrefueled. **Armament:** M117, Mk-56/62/65/82/84, CBU-87/89/103/104/105, AGM-86B/C/D/129A/158A, GBU-10/12/28/31/38, nuclear weapons. **Crew:** Five.



## C-5A/B/C Galaxy

**Primary function:** Outsize cargo transport. **Speed:** 518 mph. **Dimensions:** Wingspan 222 ft. 9 in.; length 247 ft. 1 in.; height 65 ft. 1 in. **Range:** 6,320 miles. **Crew:** Seven.



## C-9C Nightingale

**Primary function:** Passenger movement. **Speed:** 565 mph. **Dimensions:** Wingspan 93 ft. 3 in.; length 119 ft. 3 in.; height 27 ft. 5 in. **Range:** More than 2,000 miles. **Crew:** Eight.



## C-12C/D/F/J Huron

**Primary function:** Passenger/cargo airlift; pilot seasoning. **Speed:** 336 mph. **Dimensions:** Wingspan 54 ft. 6 in.; length 43 ft. 9 in.; height 14 ft. 9 in. **Range:** 1,026 miles. **Crew:** Two.



## C-17A Globemaster III

**Primary function:** Cargo and troop transport. **Speed:** 518 mph. **Dimensions:** Wingspan 169 ft. 10 in. (to winglet tips); length 174 ft.; height 55 ft. 1 in. **Range:** Unlimited with aerial refueling. **Crew:** Three.





### C-20B/C/H

**Primary function:** Operational support airlift and special air missions. **Speed:** 576 mph. **Dimensions:** Wingspan 77 ft. 10 in.; length C-20B 83 ft. 2 in., C-20H 88 ft. 4 in.; height 24 ft. 6 in. **Range:** C-20B, 4,250 miles; C-20H, 4,850 miles. **Crew:** Five.



### C-38A

**Primary function:** Special air missions. **Speed:** 540 mph. **Dimensions:** Wingspan 54 ft. 7 in.; length 55 ft. 7 in.; height 18 ft. 2 in. **Range:** 3,000 miles. **Crew:** Three.



### C-21A

**Primary function:** Passenger and cargo airlift. **Speed:** 530 mph. **Dimensions:** Wingspan 39 ft. 6 in.; length 48 ft. 7 in.; height 12 ft. 3 in. **Range:** 2,306 miles. **Crew:** Two.



### C-40B/C

**Primary function:** High-priority personnel transport. **Speed:** 530 mph. **Dimensions:** Wingspan 117 ft. 5 in.; length 110 ft. 4 in.; height 41 ft. 2 in. **Range:** 5,000 miles. **Crew:** 10.



### C-32A/B

**Primary function:** High-priority personnel transport. **Speed:** 530 mph. **Dimensions:** Wingspan 124 ft. 8 in.; length 155 ft. 3 in.; height 44 ft. 6 in. **Range:** 6,329 miles. **Crew:** 16.



### C-130E/H/J Hercules

**Primary function:** Global airlift. **Speed:** C-130E, 345 mph; C-130H, 366 mph; C-130J, 417 mph; C-130J-30, 410 mph. **Dimensions:** Wingspan 132 ft. 7 in.; length 97 ft. 9 in.; height 38 ft. 10 in. **Range:** C-130E, 1,438 miles; C-130H, 1,496 miles; C-130J, 1,841 miles. **Crew:** C-130E/H, five; C-130J, three.



### C-37A

**Primary function:** Special air missions. **Speed:** 600 mph. **Dimensions:** Wingspan 93 ft. 6 in.; length 96 ft. 5 in.; height 25 ft. 11 in. **Range:** 6,300 miles. **Crew:** Five.



### CV-22A Osprey

**Primary function:** Special operations forces long-range infiltration, exfiltration and re-supply. **Speed:** 277 miles per hour (cruising speed). **Dimensions:** Wingspan 84 ft. 7 in.; length 57 ft. 4 in.; height 22 ft. 1 in.; rotary diameter, 38 ft. **Range:** 2,100 nautical miles with internal auxiliary fuel tanks and no refueling. **Crew:** Four.



### E-3B/C Sentry

**Primary function:** Airborne battle management, surveillance, command, control and communications (AWACS). **Speed:** 360 mph. **Dimensions:** Wingspan 130 ft. 10 in.; length 145 ft. 8 in.; height 41 ft. 4 in.; rotodome, 30 ft. diameter, 6 ft. thick, mounted 11 ft. above fuselage. **Range:** More than eight hours unrefueled. **Crew:** 17-23.



### E-4B

**Primary function:** Airborne operations center. **Dimensions:** Wingspan 195 ft. 8 in.; length 231 ft. 4 in.; height 63 ft. 5 in. **Range:** 6,200 nautical miles. **Crew:** Up to 112.



### E-8C Joint STARS

**Primary function:** Airborne battle management. **Dimensions:** Wingspan 145 ft. 9 in.; length 152 ft. 11 in.; height 42 ft. 6 in. **Speed:** 449-587 mph. **Range:** Nine hours unrefueled. **Crew:** 22.





## EC-130J Commando Solo

**Primary function:** Psychological and information operations. **Dimensions:** Wingspan 132 ft. 6 in.; length 97 ft.; height 38 ft. 8 in. **Speed:** 335 mph. **Range:** 2,300 miles unrefueled. **Crew:** 10.



## EC-130H Compass Call

**Primary function:** Electronic warfare, suppression of enemy air defenses and offensive counter information. **Dimensions:** Wingspan 132 ft. 7 in.; length 97 ft. 9 in.; height 38 ft. 3 in. **Speed:** 300 mph. **Range:** 2,295 mph. **Crew:** 13.



## F-15A/B/C/D/E Eagle and F-15E Strike Eagle

**Primary function:** F-15A/B/C/D/E — single-seat air superiority fighter. F-15E — air-to-ground attack aircraft. **Dimensions:** Wingspan 42 ft. 8 in.; length 63 ft. 8 in.; height 18 ft. 5 in. **Speed:** 1,875 mph. Strike Eagle Mach 2.5-plus. **Range:** 3,450 miles. Strike Eagle 2,400 miles. **Crew:** F-15A/C, one; F-15B/D/E, two; Strike Eagle, two. **Armament:** (All models) one internally mounted M-61A1 20 mm, six-barrel cannon with 940 rounds of ammunition and any combination of AIM-9L/M/X Sidewinder and four AIM-7F/M Sparrow air-to-air missiles, or eight AIM-120 AM-RAAMs air-to-air missiles, carried externally. Strike Eagle — MK-82/82, M129, CBU-87/89/97, GBU-10/12/15/24/27/31/38/39, AGM-65, AGM-130/154, nuclear weapons.



## F-16A/B/C/D Fighting Falcon

**Primary function:** Multi-role fighter. **Speed:** 1,500 mph. **Dimensions:** Wingspan 32 ft. 8 in.; length 49 ft. 5 in.; height 16 ft. **Range:** 2,000 miles. **Armament:** One M-61A1 20 mm multi-barrel cannon with 500 rounds; external stations carry up to six air-to-air missiles, conventional air-to-air and air-to-surface munitions and electronic countermeasure pods. M129, MK-82/84, GBU-10/12/24/27/31/38, CBU-87/89/97/103/104/105/107, GM-65/88/154/158, nuclear weapons. **Crew:** F-16C, one; F-16D, one or two.



## F-22 Raptor

**Primary function:** Multi-role fighter. **Speed:** 1,140 mph. **Dimensions:** Wingspan 32 ft. 8 in.; length 62 ft. 1 in.; height 16 ft. 8 in. **Range:** 1,850 miles; without external tanks, more than 1,250 miles. **Armament:** M-61A1 20 mm cannon, AIM-120C AMRAAM, AIM-9, GBU-32 JDAMS. **Crew:** One.



## F-117A Nighthawk

**Primary function:** Fighter/attack. **Dimensions:** Wingspan 43 ft. 4 in.; length 63 ft. 9 in.; height 12 ft. 95 in. **Speed:** High subsonic. **Range:** Unlimited with air refueling. **Armament:** MK-82/84, CBU-87/89, GBU-10/12/27/31. **Crew:** One.



## HC-130P/N

**Primary function:** Air refueling for combat search and rescue helicopters. **Speed:** 289 mph. **Dimensions:** Wingspan 132 ft. 7 in.; length 98 ft. 9 in.; height 38 ft. 6 in. **Range:** Beyond 4,000 miles. **Crew:** 10.



## HH-60G Pave Hawk

**Primary function:** Combat search and rescue **Speed:** 160 mph. **Dimensions:** Length 64 ft. 8 in.; width 7 ft. 9 in.; height 16 ft. 8 in.; rotor diameter 53 ft. 7 in. **Range:** 478 miles unrefueled. **Armament:** Combination of two 7.62 mm miniguns or .50 caliber machine guns. **Crew:** Four.



## KC-10A Extender

**Primary function:** Aerial tanker/transport. **Speed:** 619 mph. **Dimensions:** Wingspan 165 ft. 4 in.; length 181 ft. 7 in.; height 57 ft. 1 in. **Range:** 4,400 miles with cargo, 11,500 miles without cargo. **Crew:** Four.



## KC-135D/E/R/T Stratotanker

**Primary function:** Aerial refueling and airlift. **Speed:** 530 mph. **Dimensions:** Wingspan 130 ft. 10 in.; length 136 ft. 3 in.; height 41 ft. 8 in. **Range:** 1,500 miles with 150,000 lbs. of transfer fuel; ferry mission 11,015 miles. **Crew:** Three.





### LC-130H

**Primary function:** Tactical and intratheater airlift; special capability for polar regions. **Speed:** 350 mph. **Dimensions:** Wingspan 132 ft. 7 in.; length 97 ft. 9 in.; height 38 ft. 3 in. **Range:** 2,500 miles. **Crew:** Six.



### MC-130E/H Combat Talon

**Primary function:** Infiltration, exfiltration and re-supply of special operations forces. **Speed:** 300 mph. **Dimensions:** Wingspan 132 ft. 7 in.; length MC-130E 100 ft. 10 in.; MC-130H 99 ft. 9 in.; height 38 ft. 6 in. **Range:** 2,700 nautical miles. **Crew:** MC-130E, nine; MC-130H, seven.



### MC-130P Combat Shadow

**Primary function:** Air refueling special operations forces helicopters. **Speed:** 289 mph. **Dimensions:** Wingspan 132 ft. 7 in.; length 98 ft. 9 in.; height 38 ft. 6 in. **Range:** 4,000 miles. **Crew:** Eight.



### MC-130W Combat Spear

**Primary function:** Infiltration, exfiltration and re-supply of special operations forces; in-flight refueling of special operations vertical lift aircraft. **Speed:** 300 mph. **Dimensions:** Wingspan 132 ft. 7 in.; length 98 ft. 9 in.; height 38 ft. 6 in. **Range:** 1,208 miles. **Crew:** Seven.



### MH-53J/M Pave Low III/IV

**Primary function:** Infiltration, exfiltration and re-supply of special operations forces. **Speed:** 165 mph. **Dimensions:** Length 88 ft.; width 9 ft.; height 25 ft.; rotor diameter 72 ft. **Range:** 690 miles. **Armament:** Combination of three 7.62 mm miniguns or three .50-caliber machine guns. **Crew:** Six.



### OC-135B Open Skies

**Primary function:** Unarmed observation to support Open Skies Treaty. **Speed:** More than 500 mph. **Dimensions:** Wingspan 131 ft.; length 135 ft.; height 42 ft. **Range:** 3,900 miles. **Crew:** Seven.



### RC-135U Combat Sent and RC-135V/W Rivet Joint

**Primary function:** RC-135U — electronic reconnaissance and surveillance; RC-135V/W — reconnaissance. **Speed:** RC-135U 403 mph; RC-135V/W 500 mph. **Dimensions:** RC-135U wingspan 131 ft. 5 in.; length 140 ft. 1 in.; height 41 ft. 8 in.; RC-135V/W wingspan 131 ft.; length 135 ft.; height 42 ft. **Range:** 4,000 miles. **Crew:** Up to 27.



### RC-26B

**Primary function:** Counterdrug. **Speed:** 288 mph. **Dimensions:** Wingspan 57 ft.; length 59 ft. 4 in.; width 16 ft. 8 in. **Range:** 1,380 miles. **Crew:** Two.



### T-1A Jayhawk

**Primary function:** Advanced trainer for airlift and tanker pilots. **Speed:** 538 mph. **Dimensions:** Wingspan 43 ft. 6 in.; length 48 ft. 5 in.; height 13 ft. 11 in. **Range:** 2,557 miles. **Crew:** Three.



# WEAPONS AIRCRAFT A-Z



## T-6A Texan II

**Primary function:** Undergraduate pilot training. **Speed:** 320 mph. **Dimensions:** Wingspan 33 ft. 5 in.; length 33 ft. 4 in.; height 10 ft. 7 in. **Range:** 1,036 miles. **Crew:** Two.



## T-37B Tweet

**Primary function:** Undergraduate pilot training. **Speed:** 360 mph. **Dimensions:** Wingspan 33 ft. 8 in.; length 29 ft. 3 in.; height 9 ft. 2 in. **Range:** 460 miles. **Crew:** Two.



## T-38A/C and AT-38B Talon

**Primary function:** Advanced jet pilot training. **Speed:** 812 mph. **Dimensions:** Wingspan 25 ft. 3 in.; length 46 ft. 4 in.; height 12 ft. 10 in. **Range:** 1,093 miles. **Crew:** Two.



## T-43A

**Primary function:** Navigator training. **Speed:** 535 mph. **Dimensions:** Wingspan 93 ft.; length 100 ft.; height 37 ft. **Range:** 2,995 miles. **Crew:** Two to 20.



## U-2S

**Primary function:** High-altitude reconnaissance. **Speed:** 410 mph. **Dimensions:** Wingspan 105 ft.; length 63 ft.; height 16 ft. **Range:** 7,000 miles. **Crew:** U-2S, one; TU-2S, two (trainer).



## UH-1H/N/V Huey

**Primary function:** Support for distinguished visitors, missile sites, ranges and search and rescue. **Speed:** 115 mph. **Dimensions:** Length 57 ft. 3 in.; width 9 ft. 5 in.; height 12 ft. 10 in.; diameter of main rotor 48 ft.; diameter of tail rotor 8 ft. 6 in. **Range:** 300 miles. **Crew:** Two or three.



## VC-25A (Air Force One)

**Primary function:** Presidential air transport. **Speed:** 630 mph. **Dimensions:** Wingspan 195 ft. 8 in.; length 231 ft. 10 in.; height 63 ft. 5 in. **Range:** 7,800 miles. **Crew:** 26.



## WC-130H/J Hercules

**Primary function:** Weather reconnaissance. **Speed:** 350 mph. **Dimensions:** Wingspan 132 ft. 6 in.; length 99 ft. 4 in.; height 38 ft. 6 in. **Range:** 4,000 miles. **Crew:** Six.



## WC-135C/W Constant Phoenix

**Primary function:** Air sampling and collection operations. **Speed:** 403 mph. **Dimensions:** Wingspan 130 ft. 10 in.; length 139 ft. 11 in.; height 42 ft. **Range:** 4,000 miles. **Crew:** Varies with mission.

# AIR FORCE CORE VALUES

INTEGRITY FIRST

SERVICE BEFORE SELF

EXCELLENCE IN ALL WE DO

“As America’s Airmen, it is imperative that we maintain the moral high ground — our nation depends on it.”

— Michael W. Wynne  
Secretary of the Air Force

Source: Air Combat Command Directorate of Requirements